Index of Claims



Application/Control No.

10/822,919

Examiner

SIMON D. NGUYEN

Applicant(s)/Patent under Reexamination

RAMACHANDRAN ET AL.

Art Unit

2618

| <b>√</b> | Rejected |
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| Final  | Original 4 | < 7/31/06 |               | _        |                | Date     |  | T              | Г            | П        | Clè   | im_      | H 1          |  | r  |  | Dat<br>I     | e<br>T   |
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| Final  | 1 2 3      |           |               |          |                |          | l  | 1              |              | t        |       |          |              |  | l  |  |              |          |
|  | 3          | v         |               |          |                |          |  |                |              |          | Final | Original |              |  |  |  |              |          |
|  | 3          |           |               |          |                |          |  |                |              |          |       | 51       |              |  |  |  |              | İ        |
|  |            | ٧         |               |          |                | L.       |  |                |              |          |       | 52       |              |  |  |  |              | L        |
|  |            | ٧         |               |          |                | L.       |  |                |              |          |       | 53       |              |  |  |  |              | L        |
| $\vdash$   |            | ٧         |               |          |                |          |  | L.             |              |          |       | 54       |              |  |  | ļ  | <u> </u>     | L        |
| 1 1  | 5          | ٧         |               | _        |                | _        | Щ.   | ļ              |              |          |       | 55       |              |  |  |  |              | L        |
| $\vdash$   | 6          | >         | Ш             |          |                | <u> </u> | _  | ⊢              | _            |          |       | 56       | Ш            |  | <u> </u>   |  | ㄴ            | Ļ        |
|  | 7          | ٧         |               | _        | <b>-</b>       | <u> </u> | _  | -              | ├            | _        |       | 57       | Н            |  | ļ_   | ├  | ŀ            | Ļ        |
| $\vdash$   | 8<br>9     | ٧         |               | _        |                | ├        | -  | -              |              | $\vdash$ |       | 58       |              |  | _  | -  | ₩            | Ļ        |
| $\vdash$   | 10         | v<br>v    |               | -        | ⊢              | ├        | ├—   | -              | H            | $\vdash$ |       | 59<br>60 | Н            |  | <del> </del>                                     | -  | -            | ╁        |
| $\vdash$   | 11         | ٧         | $\vdash$      |          | -              | ⊢        | -  | <del> </del>   | -            |          |       | 61       | Н            |  |  | -  | <del></del>  | ╁        |
|  | 12         | v         | $\vdash$      |          |                | $\vdash$ | ├-   | <u> </u>       |              |          |       | 62       | Н            | -  |  | <del>                                     </del> | $\vdash$     | t        |
|  | 13         | 0         |               | _        | <del>  -</del> | H        |  | $\vdash$       |              |          |       | 63       | Н            |  | $\vdash$   | <del> </del>                                     | ╁            | t        |
| T  | 14         | 0         |               | _        |                | $\vdash$ | <del>                                     </del> |                |              |          |       | 64       |              |  | <del>                                     </del> |  |              | t        |
|  | 15         | 0         | $\overline{}$ | _        |                |          | 1  |                |              |          |       | 65       | П            |  |  | 1  | 一            | T        |
|  | 16         | 0         |               |          |                |          |  | _              |              |          |       | 66       |              |  |  |  |              | T        |
|  | 17         | ٧         |               |          |                |          |  | Ī              |              |          |       | 67       | П            |  |  |  |              | T        |
|  | 18         | ٧         |               |          |                |          |  |                |              |          |       | 68       |              |  |  |  |              | Γ        |
|  | 19         | ٧         |               |          |                |          | _  |                |              |          |       | 69       |              |  |  |  |              | I        |
|  | 20         | ٧         |               |          | L              |          | <u> </u>   |                |              |          |       | 70       |              |  |  |  |              | L        |
|  | 21         | ٧         |               |          | L              |          |  | _              | _            |          |       | 71       |              |  |  |  | <u> </u>     | L        |
|  | 22         | ٧         | Щ             |          | L-             | _        |  |                | <u> </u>     |          |       | 72       |              |  |  |  | L            | L        |
|  | 23         | ٧         |               |          | <u> </u>       |          | _  | _              |              |          |       | 73       |              |  |  | _  | L            | L        |
|  | 24         | ٧         |               |          |                | <u> </u> | _  | <u> </u>       | _            |          |       | 74       | Н            |  | <b></b> -  | ╙  | ▙            | L        |
| $\vdash$   | 25<br>26   | <b>v</b>  |               |          |                |          |  | -              | H            | $\vdash$ |       | 75       | Н            |  |  | <u> </u>   | ├            | ╀        |
| <del></del>                                      | 27         | v         | $\vdash$      |          |                | ┝        |  | -              | ⊢            |          |       | 76<br>77 | Н            |  |  | -  |              | ┞        |
| -  | 28         | ·         |               |          |                | ┝╌       | ├  |                | $\vdash$     |          |       | 78       | Н            |  |  | -  | ├-           | ╁        |
|  | 29         | v         | $\exists$     |          |                |          | $\vdash$   |                | <del> </del> | $\vdash$ |       | 79       | $\vdash$     |  |  | -  | ┢            | H        |
|  | 30         | v         |               |          | _              |          | $\vdash$   | ┢              |              | Н        |       | 80       |              | -  |  |  | ┢            | t        |
|  | 31         |           |               |          | $\vdash$       |          | T  | -              | -            | H        |       | 81       |              |  |  |  | 一            | t        |
|  | 32         |           |               |          |                |          |  |                |              |          |       | 82       | $\Box$       |  |  |  | Г            | T        |
|  | 33         |           |               |          |                |          | Ī  |                |              |          |       | 83       |              |  |  |  | Г            | T        |
|  | 34         |           |               |          |                |          |  |                |              |          |       | 84       |              |  |  |  |              |          |
|  | 35         |           |               |          |                |          |  |                |              |          |       | 85       |              |  |  |  | L            | Γ        |
|  | 36         |           |               |          |                |          |  |                | <u> </u>     |          |       | 86       |              |  |  | L.   |              | L        |
|  | 37         |           |               |          |                | _        |  |                |              |          |       | 87       |              |  |  |  |              | L        |
| $\vdash \vdash$                                  | 38         |           |               | _        |                |          |  | L              | Ш            | Ш        |       | 88       |              | <u>.                                    </u> |  | _  | <u> </u>     | L        |
|  | 39         |           |               |          |                | _        |  | _              | H            | $\vdash$ |       | 89       | $\vdash$     |  |  |  |              | -        |
| <b>-</b>   | 40<br>41   | $\dashv$  |               | _        |                | <u> </u> | _  |                | _            | Н        |       | 90<br>91 |              |  |  |  | ⊢            | ╀        |
| $\vdash$   | 42         |           |               | $\dashv$ |                | _        | -  | <del> </del> - | -            |          |       | 92       | $\vdash$     |  |  |  | ⊢            | ┞        |
| <del>                                     </del> | 43         | -         | $\vdash$      |          | $\vdash$       | ├-       |  | $\vdash$       | H            | Н        |       | 93       |              |  | _  | $\vdash$   | <del> </del> | ╁        |
| $\vdash$   | 44         |           |               | _        |                | $\vdash$ |  | $\vdash$       | $\vdash$     | Н        |       | 94       | <del> </del> | _  | _  | $\vdash$   | $\vdash$     | $\vdash$ |
|  | 45         | $\dashv$  | $\dashv$      |          | $\vdash$       | -        |  | $\vdash$       |              | H        |       | 95       | $\vdash$     |  |  | $\vdash$   | $\vdash$     | H        |
|  | 46         | $\Box$    |               |          |                |          |  | $\vdash$       | $\vdash$     | $\vdash$ | -     | 96       | $\vdash$     | _  |  | $\vdash$   | H            | +        |
|  | 47         |           |               |          |                |          |  |                |              | Н        |       | 97       | $\Box$       |  | _  |  | Г            | T        |
|  | 48         |           |               | _        |                |          |  |                |              | П        |       | 98       |              |  |  |  | Г            | T        |
|  | 49         |           |               |          |                |          |  |                |              |          |       | 99       |              |  |  |  |              | Γ        |
|  | 50         |           |               |          |                |          |  |                |              |          |       | 100      |              |  |  |  |              | Γ        |

| Čla            | aim      | Date         |              |          |              |  |              |              |          |  |  |  |
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| Final          | Original |              |              |          |              |  |              |              |          |  |  |  |
|                | 51       |              |              |          |              |  |              |              |          |  |  |  |
|                | 52       |              | $oxed{oxed}$ | <u> </u> |              |  |              |              |          | <u> </u>   |  |  |
| <u> </u>       | 53       | L_           | <u> </u>     |          |              | L.   |              | _            |          | _  |  |  |
|                | 54<br>55 |              | _            |          |              |  |              | <u> </u>     | L        | _  |  |  |
|                | 55       |              | <u> </u>     | <u> </u> |              |  |              | <u> </u>     | _        | _  |  |  |
| ļ              | 56       | _            | _            | <u> </u> |              |  |              | <u> </u>     |          | <u> </u>   |  |  |
| ļ              | 57<br>58 |              |              | H        | <del> </del> | <u> </u>   |              | H            | ├-       |  |  |  |
|                | 59       | -            |              | ⊢        |              |  | <u> </u>     |              | ⊢        |  |  |  |
|                | 60       | $\vdash$     |              | ├        |              |  |              |              | ⊢        | $\vdash$   |  |  |
|                | 61       |              |              |          | -            |  |              | ┢            | -        | $\vdash$   |  |  |
|                | 62       |              | -            |          |              |  |              | $\vdash$     |          | ┢  |  |  |
|                | 63       |              |              |          | $\vdash$     | <del>                                     </del> |              | Г            | Т        | † <del>-</del> -                                 |  |  |
|                | 64       |              | _            |          |              |  |              |              | T        |  |  |  |
|                | 65       |              |              |          |              |  |              |              |          |  |  |  |
|                | 66       |              |              |          |              |  |              |              |          |  |  |  |
|                | 67       |              |              | L.       | _            |  |              |              | <u> </u> |  |  |  |
|                | 68       |              |              |          | L            |  | L            |              |          |  |  |  |
|                | 69       |              | Ь.           |          | <u> </u>     |  | lacksquare   |              | <u> </u> | _  |  |  |
|                | 70       |              |              |          | <u> </u>     | -  | <u> </u>     |              |          | <u> </u>   |  |  |
|                | 71<br>72 | _            | <u> </u>     |          | _            |  |              |              |          | _  |  |  |
| -              | 73       | <del> </del> |              |          | _            |  | <del> </del> | _            | _        | $\vdash$   |  |  |
| -              | 74       | $\vdash$     | $\vdash$     |          | _            |  | $\vdash$     | _            |          | $\vdash$   |  |  |
|                | 75       |              | $\vdash$     |          | $\vdash$     |  | $\vdash$     |              |          | $\vdash$   |  |  |
| <u> </u>       | 76       |              |              |          | Т            | _  |              |              |          | $\vdash$   |  |  |
|                | 76<br>77 | П            |              |          |              | _  |              |              |          | _  |  |  |
|                | 78       |              |              |          |              |  |              |              |          |  |  |  |
|                | 79       |              |              |          |              |  |              |              |          |  |  |  |
|                | 80       |              |              |          |              |  |              |              | _        |  |  |  |
|                | 81       |              |              |          | _            | <u> </u>   | _            |              |          |  |  |  |
| <b></b>        | 82       |              |              |          |              | <u> </u>   |              |              | $\vdash$ |  |  |  |
|                | 83       | H            | $\vdash$     | H        |              | $\vdash$   |              | _            | $\vdash$ | $\vdash$   |  |  |
|                | 84<br>85 | $\vdash$     |              | $\vdash$ |              | $\vdash$   |              |              | H        | <b>—</b>   |  |  |
| $\vdash$       | 86       | $\vdash$     | $\vdash$     | -        | <b>—</b>     | -  | $\vdash$     |              | $\vdash$ |  |  |  |
| $\vdash$       | 87       | H            | $\vdash$     | -        | $\vdash$     |  | $\vdash$     | _            | $\vdash$ | <del>                                     </del> |  |  |
|                | 88       |              | _            |          |              |  |              |              |          | $\vdash$   |  |  |
|                | 89       |              |              |          |              |  |              |              | Г        | Г  |  |  |
|                | 90       |              |              |          |              |  |              |              |          |  |  |  |
|                | 91       |              |              |          |              |  |              |              |          |  |  |  |
|                | 92       |              |              |          |              |  |              |              |          |  |  |  |
|                | 93       |              |              |          |              | L.   |              |              |          |  |  |  |
|                | 94       | <u> </u>     |              |          |              | L.   | <u> </u>     |              |          | $\vdash$   |  |  |
| -              | 95       |              |              | _        | -            | H  | H            |              | $\vdash$ | $\vdash$   |  |  |
|                | 96<br>97 |              |              |          | -            | $\vdash$   | H            |              | $\vdash$ | $\vdash$   |  |  |
|                | 98       |              |              |          | -            | <del> </del>                                     | $\vdash$     | _            | -        | $\vdash$   |  |  |
| -              | 99       |              | -            | -        | -            | H  | $\vdash$     | -            | $\vdash$ | $\vdash$   |  |  |
|                | 100      |              |              |          |              | -  | $\vdash$     | <del>-</del> |          | $\vdash$   |  |  |

| Final  |  | Date |          |          |              |  |  |              |          |          |  |  |
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| la l   | <u> </u>   |      |          |          |              |  | Γ  |              |          |          |  |  |
|  | Original   |      |          |          |              |  |  |              |          |          |  |  |
| 证  | ÖŢ   |      |          |          |              |  |  |              |          |          |  |  |
|  |  |      | _        | L        | <u> </u>     |  |  |              |          |          |  |  |
|  | 101  |      | _        | <u> </u> |              |  |  | <u> </u>     | <u> </u> |          |  |  |
|  | 102  |      |          |          | H            |  | $\vdash$   | _            |          | $\vdash$ |  |  |
|  | 104  |      | -        |          |              |  | $\vdash$   |              | $\vdash$ | $\vdash$ |  |  |
|  | 101<br>102<br>103<br>104<br>105                      |      |          |          |              |  | <del>                                     </del> |              | $\vdash$ |          |  |  |
|  | 106  |      |          |          |              |  |  |              |          |          |  |  |
|  | 107<br>108   |      |          |          |              | ,  |  |              |          |          |  |  |
|  | 108  |      |          |          |              |  |  |              |          |          |  |  |
|  | 109  |      |          |          | <u> </u>     |  | _  |              | <u> </u> |          |  |  |
|  | 110  |      | _        | _        | <u> </u>     | <u>.                                    </u> | ļ <u> </u>                                       | L            |          |          |  |  |
| <b>├</b> ─┤                                      | 111  |      | _        | $\vdash$ | $\vdash$     | <del> </del>                                 | -  | <del> </del> |          |          |  |  |
|  | 112<br>113   |      | -        | ⊢        | _            |  | $\vdash$   | $\vdash$     | $\vdash$ | $\vdash$ |  |  |
| <del>                                     </del> | 114  |      | $\vdash$ | $\vdash$ | $\vdash$     |  | <del> </del> -                                   | ├            |          | $\vdash$ |  |  |
|  | 115  |      | $\vdash$ | $\vdash$ | <del>-</del> |  |  |              | -        | -        |  |  |
|  | 116  |      | $\vdash$ | T        | $\vdash$     |  | T  |              |          | П        |  |  |
|  | 117  |      |          |          |              |  |  |              | _        |          |  |  |
|  | 118  |      |          | <u> </u> |              |  |  |              |          |          |  |  |
|  | 118<br>119<br>120<br>121<br>122<br>123<br>124<br>125 |      |          |          |              |  |  |              |          |          |  |  |
|  | 120  |      | <u> </u> | L_       |              |  | _  |              |          |          |  |  |
| $\longmapsto$                                    | 121  |      |          |          |              | _  |  |              |          |          |  |  |
| $\vdash \vdash$                                  | 122  |      | _        | _        | _            | _  | _  |              | _        |          |  |  |
| $\vdash$   | 123  |      | _        | ┝        | $\vdash$     |  | -  |              | _        |          |  |  |
| $\vdash$   | 125  |      |          | $\vdash$ | $\vdash$     | $\vdash$                                     | $\vdash$   |              | _        |          |  |  |
|  | 126  |      |          | ╁        |              | $\vdash$                                     | $\vdash$   | <u> </u>     | $\vdash$ | $\vdash$ |  |  |
|  | 127  |      |          |          |              |  |  |              |          |          |  |  |
|  | 126<br>127<br>128                                    |      |          |          |              |  |  |              |          |          |  |  |
|  | 129<br>130<br>131                                    |      |          |          |              |  |  |              |          |          |  |  |
|  | 130  |      |          |          | L_           |  |  |              |          |          |  |  |
| <u> </u>   | 131  |      |          | L.,      |              |  |  | _            | <u> </u> |          |  |  |
| $\vdash$ $\dashv$                                | 132<br>133   |      |          | L.,      |              | _  |  | ļ            |          |          |  |  |
| $-\!-\!\!-\!\!\!-$                               | 124  |      |          |          |              | -  |  |              |          | Н        |  |  |
| ┝╼┤  | 134<br>135   |      |          | $\vdash$ |              |  |  | -            |          | Н        |  |  |
|  | 136  |      |          |          |              |  |  | H            |          | Н        |  |  |
|  | 137<br>138<br>139                                    |      |          | _        |              |  |  | $\vdash$     |          | -        |  |  |
|  | 138  |      |          |          |              |  |  |              |          |          |  |  |
|  | 139  |      |          |          |              |  |  |              |          |          |  |  |
|  | 140  |      |          |          |              |  |  |              |          |          |  |  |
|  | 141  |      | !        |          |              |  |  | <u> </u>     |          |          |  |  |
|  | 142  |      |          | H        | _            |  | <u> </u>   | _            |          | <u> </u> |  |  |
|  | 143<br>144   |      |          |          | <u> </u>     | <u> </u>                                     | <u> </u>   | <u> </u>     | <u> </u> |          |  |  |
| $\vdash$   | 145  | _    |          | H        | $\vdash$     | $\vdash$                                     | ⊢  | <del> </del> | <b>-</b> |          |  |  |
|  | 146  |      | -        | -        | $\vdash$     |  | -  |              | -        | $\vdash$ |  |  |
|  | 147  |      | -        |          |              |  | $\vdash$   |              | -        | H        |  |  |
|  | 148  |      |          | Г        | -            |  | $\vdash$   | $\vdash$     | П        | H        |  |  |
|  | 149  |      |          |          |              |  |  |              |          |          |  |  |
|  | 150  |      |          |          | L.           |  |  |              |          |          |  |  |